

Converting Colors

CIELCh(76, 51.726, 315.924)

Have a look what the booklet for
CIELCh(76, 51.726, 315.924)
contains.

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Color

CIELCh(76, 51.663, 316.073)

Conversions

Conversions Part 1

Format	Color
Hex	E0A5FE
RGB	224, 165, 254
RGB Percent	88%, 65%, 100%
CMY	0.1217, 0.3531, 0.0041
CMYK	0.12, 0.35, 0.00, 0.00
HSL	280°, 98%, 82%
HSV	280°, 35%, 100%
XYZ	62.0553, 49.8872, 100.0854
YIQ	192.7870, 6.5950, 40.1870

Conversions

Conversions Part 2

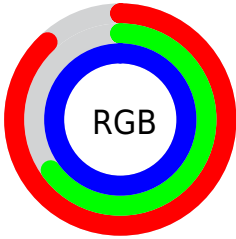
Format	Color
R_{YB}	224, 165, 254
Decimal	14722558
CIE Lab	76.00, 37.21, -35.84
CIE LCh	76, 51.663, 316.073
Yxy	49.8872, 0.2927, 0.2353
Android (android.graphics.Color)	4292912638 (0xFFE0A5FE)
YUV	192.7870, 30.1780, 27.3738
Hunter-Lab	70.6309, 33.2235, -34.5735

Details

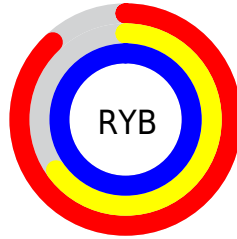
The CIELCh color $76, 51.663, 316.073$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 50.102, 132.864$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 21.281, 325.165$, and $56, 51.803, 316.260$ is the 20% darker color. If you saturate the color by 10%, you get $70, 66.482, 316.491$, and if you desaturate by 10%, it is $83, 36.691, 315.627$.

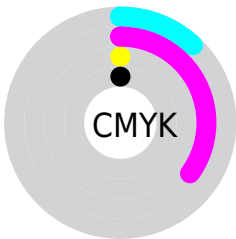
Distribution



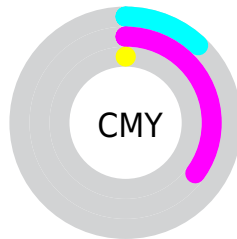
- Red (88%)
- Green (65%)
- Blue (100%)



- Red (88%)
- Yellow (65%)
- Blue (100%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (35%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 51.663, 316.073 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 76, 51.663, 316.073 by changing the saturation by 10% instead.


 76, 51.663,
316.073


 76, 51.663,
316.073


 100, 51.663,
316.073


 66, 51.663,
316.073


 96, 51.663,
316.073

 56, 51.663,
316.073

 46, 51.663,
316.073

 36, 51.663,
316.073

 26, 51.663,
316.073

 16, 51.663,
316.073

 6, 51.663, 316.073

■ 0, 51.663, 316.073

■ 76, 51.663,
316.073

■ 76, 51.663,
316.073

■ 70, 66.482,
316.491

■ 83, 36.691,
315.627

■ 64, 80.751,
316.844

■ 89, 21.833,
315.178

■ 58, 93.880,
317.081

■ 96, 7.240, 314.729

■ 54, 105.105,
317.132

100, 0.519,
109.990

■ 50, 113.602,
316.921

■ 47, 118.781,
316.382

■ 46,120.378,
316.021

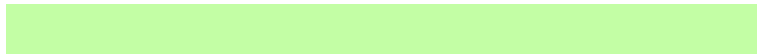
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76, 51.663, 316.073



94, 50.102, 132.864

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



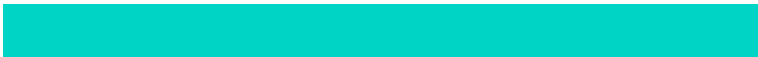
76, 51.663, 316.073



76, 51.663, 6.073



76, 51.663, 136.073



76, 51.663, 186.073

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76, 51.661, 316.073



92, 15.948, 314.998



79, 31.967, 275.545



48, 10.732, 315.059



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 51.661, 316.073



72, 62.216, 316.369



79, 50.207, 331.013



49, 8.229, 314.932



35, 97.149, 316.195



8, 44.343, 317.447

Inverse Universe

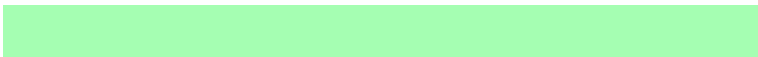
The Inverse Universe completely reimagines the original color for something new.



77, 36.818, 357.465



73, 44.433, 358.587



93, 50.132, 146.101



50, 5.776, 354.288



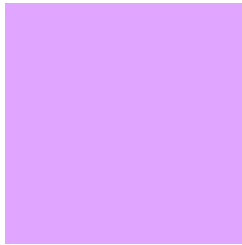
40, 69.555, 17.841



10, 31.337, 10.015

Previews

White Background



This preview shows how the CIELCh color 76, 51.663, 316.073 looks on a white background.

Color Contrast Check

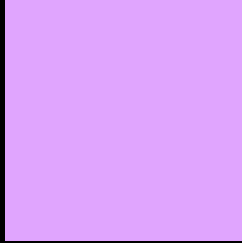
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 51.663, 316.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

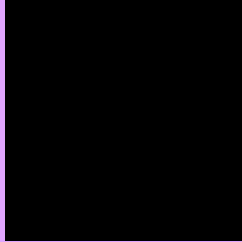
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 51.663, 316.073

Background



This preview shows how black text looks on a background with the CIELCh color 76, 51.663, 316.073.

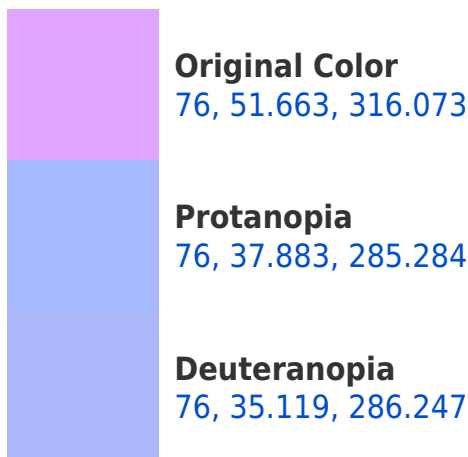


This preview shows how white text looks on a background with the CIELCh color 76, 51.663, 316.073.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
76, 15.205, 353.477

Trichromacy



Original Color
76, 51.663, 316.073



Protanomaly
76, 41.741, 298.205



Deuteranomaly
76, 39.668, 299.225

Tritanomaly
76, 27.365, 328.119

Monochromacy



Original Color
76, 51.663, 316.073



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 18.836, 314.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 51.663, 316.073 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 165, 254)` looks like.

```
.text, #text, p{  
    color:rgb(224, 165, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 165, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 165, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 51.663, 316.073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 165, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 165, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 165, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(224, 165,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 51.663, 316.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 165, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
165, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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